

2007

## Southern California Academy of Science 2007 Annual Meeting California State University Fullerton, California June 1–2, 2007

Follow this and additional works at: <https://scholar.oxy.edu/scas>

---

### Recommended Citation

(2007) "Southern California Academy of Science 2007 Annual Meeting California State University Fullerton, California June 1–2, 2007," *Bulletin of the Southern California Academy of Sciences*: Vol. 106: Iss. 2.  
Available at: <https://scholar.oxy.edu/scas/vol106/iss2/2>

This Annual Meeting is brought to you for free and open access by OxyScholar. It has been accepted for inclusion in Bulletin of the Southern California Academy of Sciences by an authorized editor of OxyScholar. For more information, please contact [cdla@oxy.edu](mailto:cdla@oxy.edu).

SOUTHERN CALIFORNIA ACADEMY OF SCIENCES

**2007 Annual Meeting  
California State University  
Fullerton, California**

**June 1–2, 2007**

**ABSTRACTS OF PAPERS**



## Future SCAS Meetings

2008—California State University, Dominguez Hills

### Acknowledgements

The Southern California Academy of Sciences wishes to acknowledge the following organizations and people for their support of the 2006 Annual Meeting.

### Sponsors

MBC Applied Environmental Science

PSOMAS

Scientific Research Systems.

Dean's Office, College of Humanities and Social Science, CSU Fullerton

Dean's Office, Natural Science and Mathematics, CSU Fullerton

Depts of Anthropology, Biological Sciences, Geological Sciences, CSU Fullerton

In addition, special thanks to **Andrea Murray**, whose work arranging facilities at CSU Fullerton was instrumental in our preparation for this meeting.

### SCAS Board Members and Officers

Brad Blood, *President*

Dr. Judith Doino Lemus, *Vice President*.

Dr. John Roberts, *Secretary*

Dr. Daniel Guthrie, *Editor and Treasurer*

Dr. John Dorsey, *Past President*

Ralph G. Appy, *Past President*

Robert Grove, *Past President*

Dr. Daniel J. Pondella, II, *Past President*

### Board of Directors

Dr. M. James Allen

Brad Blood

Andrea Murray

Dr. Donald G. Buth

Dr. Jonathan N. Baskin

Sabrina Drill

Dr. Judith Lemus

Robert S. Grove

Dr. John Roberts

Dr. Karen Martin

Kathy Keene

Gloria J. Takahashi

Dr. Susan Yoder

Dr. Edith Reed

Dr. Philippa Drennan

Dr. Darren Sandquist

### Junior Academy Board Members

Richard and Martha Schwartz

Robert Phalen

Dan Guthrie

John Dorsey

Gloria Takahashi, chair

John Roberts

### SCAS 2007 ANNUAL MEETING LOCAL COMMITTEE

Dr. Brandon L. Browne

Andrea P. Murray, Chair

Dr. Kathryn A. Dickson

Dr. Jayson R. Smith

Dr. Matthew E. Kirby

Name	Abstract No.	Name	Abstract No.	Name	Abstract No.
Abbas, Gar	160, 177	Gonzalez, Jeannie	106	Raith, Meredith	117
Ahmad, Hassan	187	Grove, Scott	188	Ranasinghe, J. A.	39
Aimar, Melody	158	Guerin, Julie A.	197	Rauf, Muzna	118
Allen, M. James	38	Gust, Sherri	147	Raymond, Kristina	148
Anderson, Michael A.	22	Hamilton, Robert A.	153	Register, Ashley	119
Antonino, A.	172	Haring, Nick	107	Reyes, Jesus A.	16
Appy, Ralph G.	14	Hash, John	33	Rodriguez-Santiago, Maria A.	120
Bader, Ned	87	Herlihy, Rachelle	55	Roeder, Mark	145
Baltzer, Suzanne M.	47	Hernandez, Yamila	71	Rosales-Casian, Jorge A.	85
Barakat, Michael	88	Hoffman, Susan	156	Rothenberg, Sarah E.	18
Blasius, Mary	167	Hogue, Cheryl	11	Salehi, Satin	178
Blazevic, Michael	19	Holmgren, Camille	21	Sam, Lily	121
Bogdanovic, Renee	194	Honan, Gretchen	154	Schiff, Kenneth	36
Browne, Brandon	44	Huerta, Edgar	32	Schnetzer, Astrid	165
Buena, Leslie J.	68	Hwang, Ann Marie S.	73	Schroeter, Steve	83
Buretta, Thomas J.	89	James, Steven R.	27	Seale, Erin	61
Busteed, Gary	5	Johnson, Phillip B.	64	Shane, Michael A.	41
Carrasco, Joseph	90	Johnston, H.D.	17	Shaw, J.C.	15
Carrillo, Andres	91	Jones, Cory B.	140	Shaw, Catherine	122
Caruso, Nancy	77	Kaplan, Amber T.	13	Short, Ginny	152
Castro, Carina	92	Keber, Robin	150	Silveus, John Michael	179
Chabot, Chris	58	Kirby, Matthew E.	23	Sim, Jonathan	137
Chow, May	189	Knott, Jeffrey R.	24	Smith, Paul	35
Cheng, Ran (Diana)	93	Koch, Sara	57	St. Ledger, Judy	170
Cherone, Jennifer	94	Kodama, Miyako	108	Steele, Mark A.	81
Clarke, Oscar F.	161	Kuris, Armand	12	Storey, Ellen J.	60
Collins, Corey J.	95	Lafferty, Kevin	10	Strauss, Justin J.	138
Corcoran, Alina	123	Landis, Sean M.	6	Sturm, Erick	124
Cortez, Carmen J.	173	Larson, Jarrod	174	Suazo, Michelle	93
Curtis, Mike	74	Lee, Ji-Mi (Jenny)	191	Tamanaha, D.M.	3
Daly, George	48	Lees, Dennis	175, 176	Tat, Shelly	125
Dalkey, Ann	65, 96	Leidy, Roy	159	Taylor, Brenden	126
Danil, Kerri	168	Lewis, Levi	109	Terpolilli, Christopher	45
Datta, Sanjit	190	Li, Brian	195	Thompson, Andrew	163
Davis, Jonathan	67	Lidzbarski, Marcha Izabella	53	Trego, Kent D.	180, 181, 182
Deering, Mark	146	Litvak, Jay B.	69	Trinh, Anthony L.	72
Dewar, Jessica	59	Ludtke, Joshua A.	139	Truong, Steven	127
Deysher, Larry	75	Luo, James	184	Vaish, Anshu	198
Diaz, Stephanie H.	97	Lusk, Matt	54	Valentovich, Tracy R.	128
Dickson, Juleen	62	Luu, Henry	110	Varney, Jessica	129
Dobbie, Scott C.	98	Martos, Antonio	52	Vasa, A.J.	130
Douglass, John G.	31	McLean, Roderic N.	30	Vazquez, Jorge	46
Drennan, Philippa M.	99	McMartin, Louanne	1	Venkatest, Madhvi	131
Eckert, Lisa	100	Michell, Patrick	155	Villegas, Bianca	132
Ellis, Susan	7	Mikel, Tim K.	40	Vogt, Sean C.	134
Elliott, David	66	Miller, Eric	34	Wadhwa, Nisha	192
English, Sarah	101	Moravek, Cassadie	63	Wagner, Hugh M.	142, 143, 144
Ervin, Edward L.	162	Mull, Christopher	183	Wallace, James	28
Estes, Stephen M.	102	Naimi, Shahla	186	Walther, Denise A.	9
Estrella, Lucero	56	Navarro, Carla A.	111	Walton, William	164
Evans, Richard	166	Negrini, Robert M.	25	Wang, Jingi (Jenny)	193
Fancher, Jack	151	Nezlin, Nikolay P.	42	Wetmore, Lynne	82
Favel, Vanessa	169	Nishimura, Akane	112	Whitaker, Stephen	133
Fejtek, Stacie	76	Noda, Gwen K.	2	Whiteside, Kim	8
Fisk, L. H.	149	Oh, Inah	113	Willingham, Adam L.	43
Ford, Tom	78	O'Neil, Stephen	29	Witting, David	37, 86
Francois, Christina	70	Orme, Antony R.	26	Wolfe, Christa	50
Fredensborg, Brian	4	Palmer, Lauren	171	Woolford, Jeffrey M.	51
Gaines, Robert R.	20	Pardiwala, Reena	114	Wu, Timothy	196
Galst, Carey J.	79	Peralta, Eric	115	Yanamadala, Swati	136, 185
Garcia, Anna L.	103	Plank, Susanne	116	Young, Amy	135
Garcia, Marianne	104	Pondella, Dan	84	Zemba, Richard	157
Goedhart, Christine	105	Prothero, Donald	141	Zohar, Alana	49